



Large Single Aperture Ground Based Submm Telescopes

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I plan to discuss future ground based submillimeter telescope projects, their direct detection instrumentation, and primary science goals. I will focus on the astrophysical applications of the Cornell/Caltech 25 m telescope envisioned for a high site near the ALMA array, the 12 m APEX telescope also near the ALMA array, and the 10 m South Pole Telescope (SPT). The discussion will include site selection, instrumentation, and important astrophysical goals.

